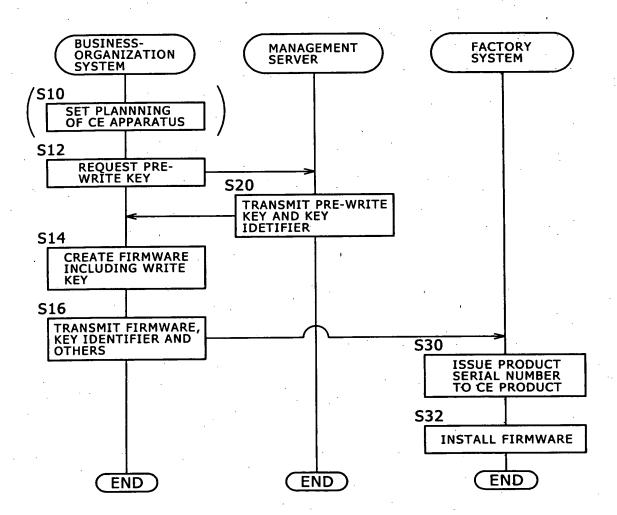


I G.3

FIG.4



5/18

F I G . 5

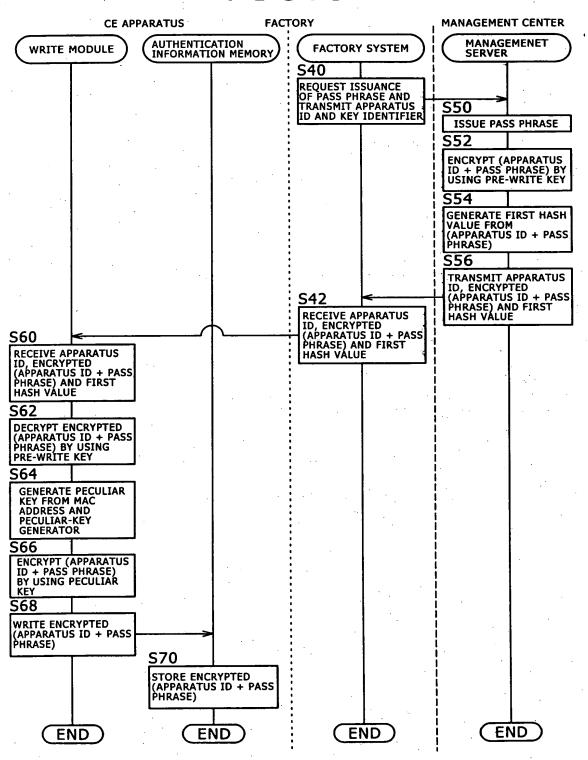
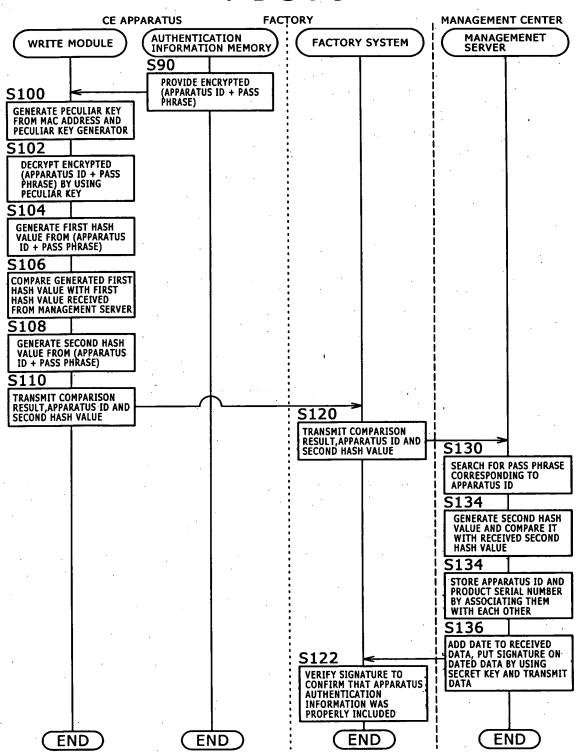
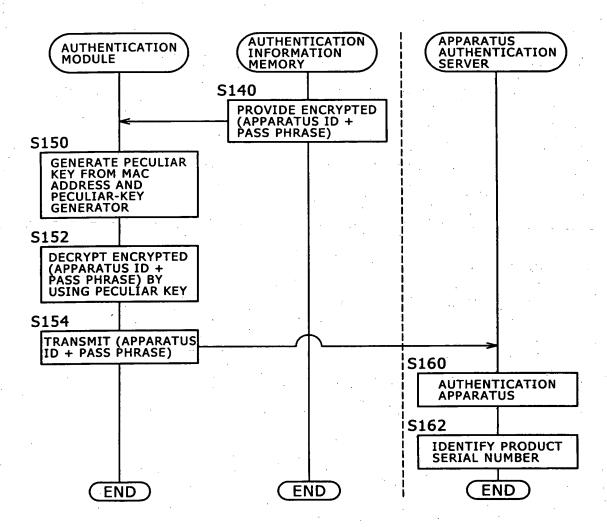


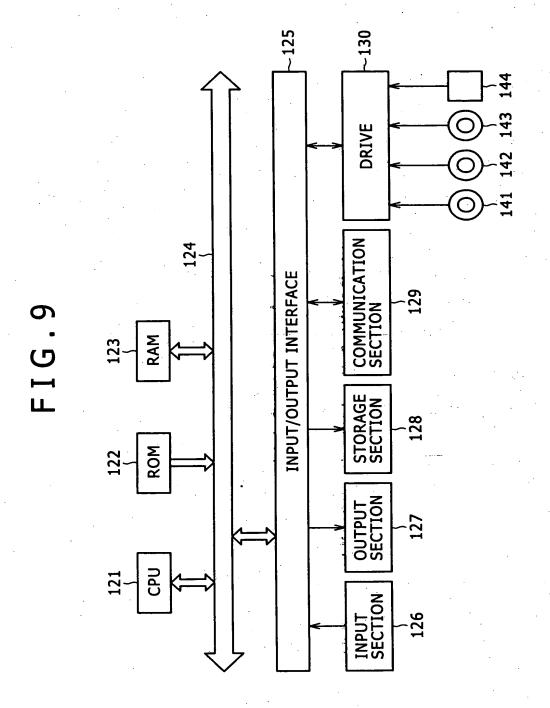
FIG. 6



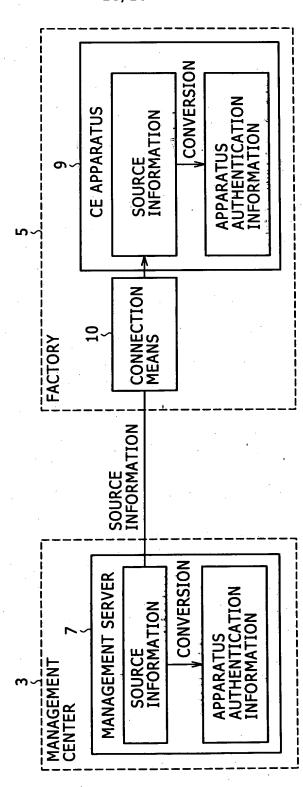
F I G . 7



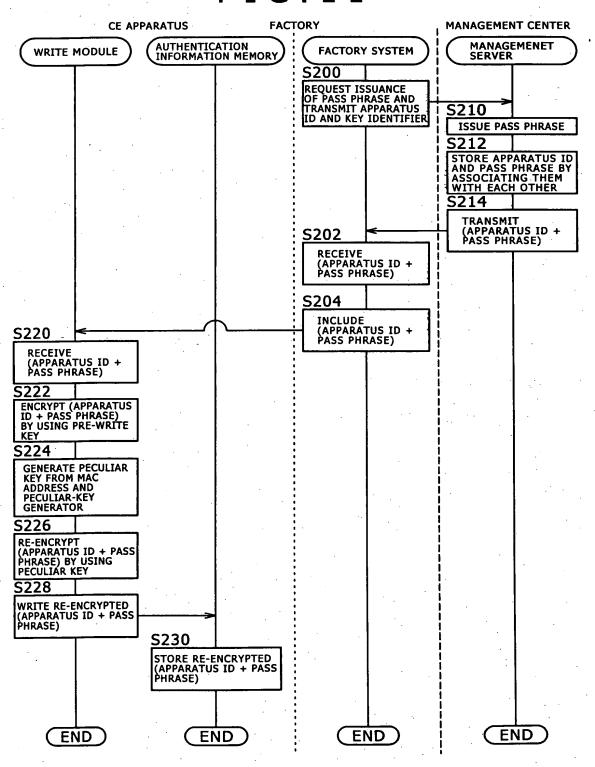
MANAGEMENT SERVER **FACTORY SYSTEM** 700 KEY IDENTIFIER 1 PRE-WRITE KEY 1 KEY IDENTIFIER 2 PRE-WRITE KEY 2 KEY IDENTIFIER 3 PRE-WRITE KEY 3 500 PRODUCT CODE A KEY IDENTIFIER 1 PRODUCT CODE B KEY IDENTIFIER 2 PRODUCT CODE CIKEY IDENTIFIER 3 702 APPARATUS ID 1 PASS PHRASE 1 KEY IDENTIFIER 1 APPARATUS ID 2 PASS PHRASE 2 KEY IDENTIFIER 2 APPARATUS ID 3 PASS PHRASE 3 KEY IDENTIFIER 3 704 **APPARATUS ID 1** PASS PHRASE 1 PRODUCT SERIAL NUMBER 1 PASS PHRASE 2 PRODUCT SERIAL NUMBER 2 **APPARATUS ID 2** APPARATUS ID 3 PASS PHRASE 3 PRODUCT SERIAL NUMBER 3

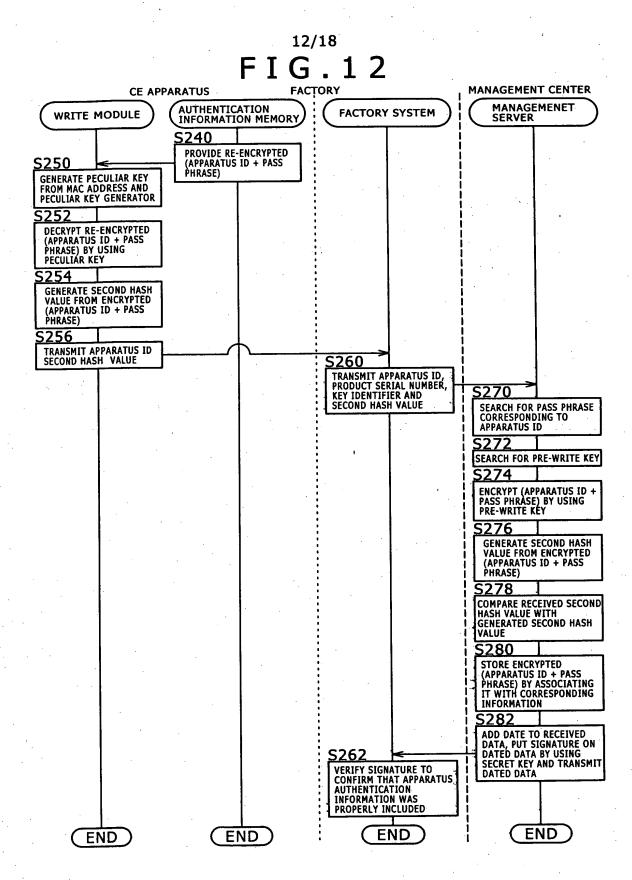


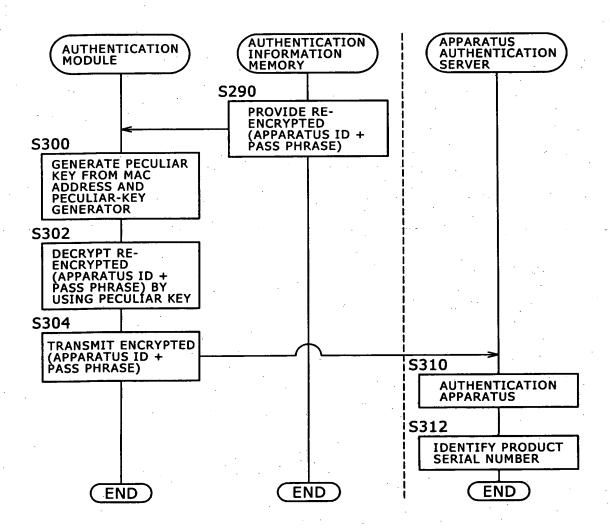




11/18







AUTHENTICATION INFORMATION MANAGEMENT SERVER

		70
KEY IDENTIFIER 1	PRE-WRITE KEY 1	
KEY IDENTIFIER 2	PRE-WRITE KEY 2	
KEY IDENTIFIER 3	PRE-WRITE KEY 3	
• • •		

APPARATUS ID 1 PASS PHRASE 1
APPARATUS ID 2 PASS PHRASE 2
APPARATUS ID 3 PASS PHRASE 3

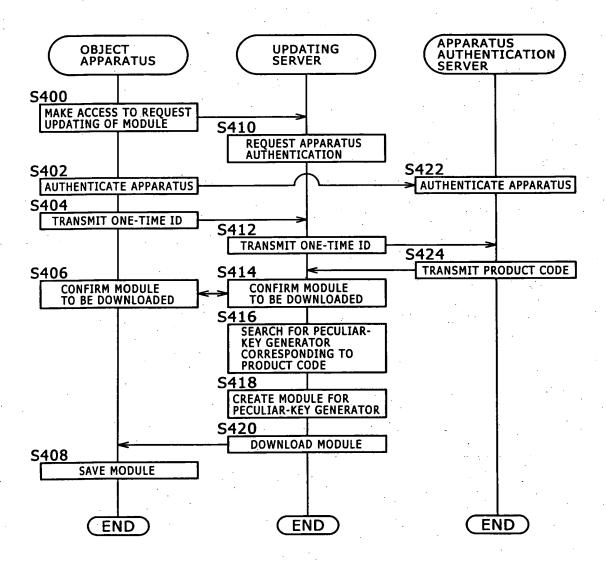
708

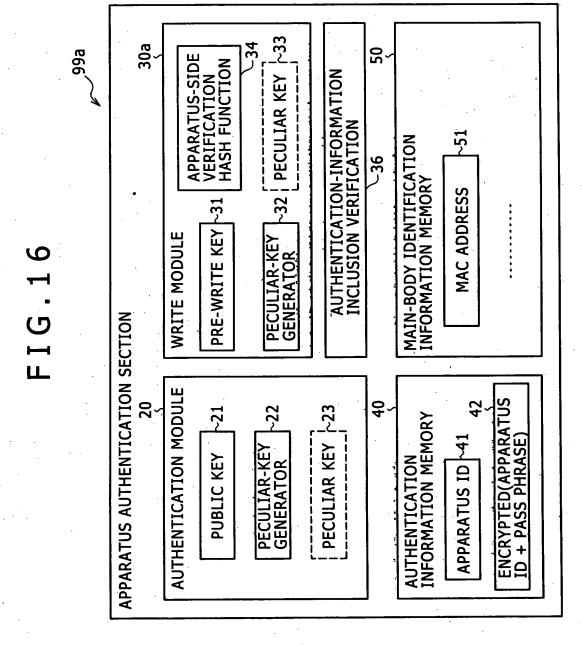
APPARATUS ID 1 ENCRYPTED (APPARATUS ID 1 + PASS PHRASE 1) PRODUCT SERIAL 1 KEY IDENTIFIER 1

APPARATUS ID 2 ENCRYPTED (APPARATUS ID 2 + PASS PHRASE 2) PRODUCT SERIAL 2 KEY IDENTIFIER 2

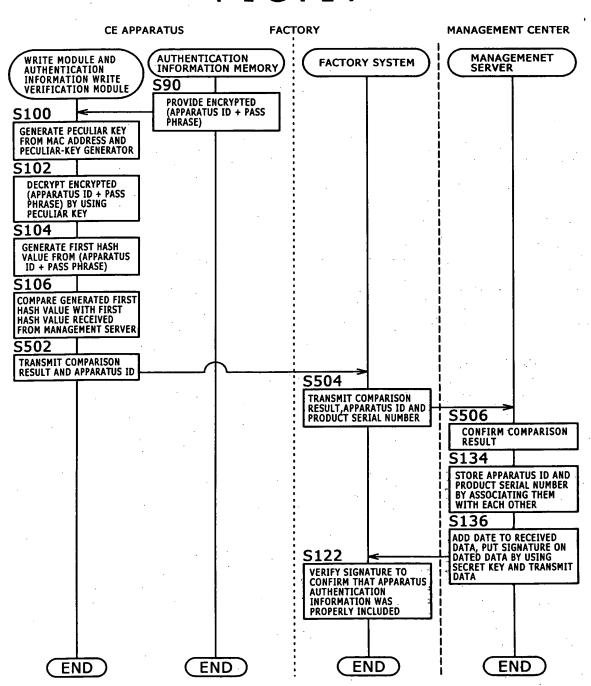
APPARATUS ID 3 ENCRYPTED (APPARATUS ID 3 + PASS PHRASE 3) PRODUCT SERIAL 3 KEY IDENTIFIER 3

FIG.15





17/18



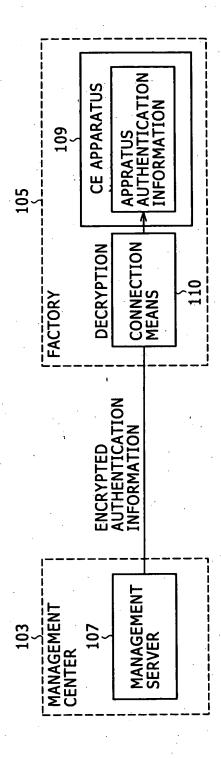


FIG. 18